

Name \_\_\_\_\_

## Share and Show



Use Coordinate Grid A to write an ordered pair for the given point.

1. C \_\_\_\_\_
2. D \_\_\_\_\_
3. E \_\_\_\_\_
4. F \_\_\_\_\_

Plot and label the points on Coordinate Grid A.

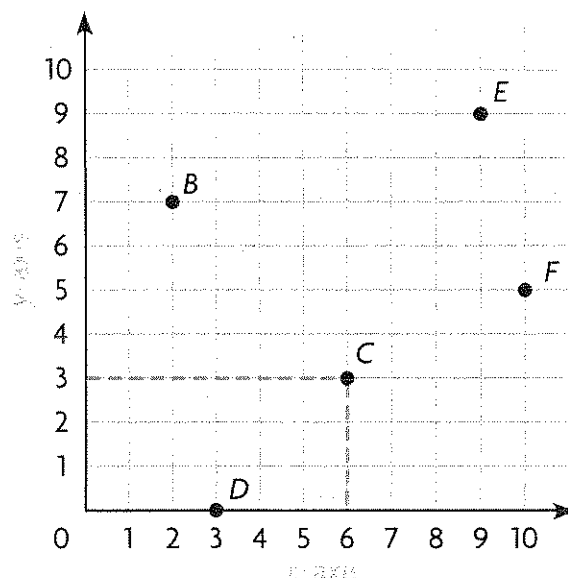
5.  $M(0, 9)$
6.  $H(8, 6)$
7.  $K(10, 4)$
8.  $T(4, 5)$
9.  $W(5, 10)$
10.  $R(1, 3)$

### Math Talk

#### MATHEMATICAL PRACTICES

Describe how to find the distance between point R and point C.

Coordinate Grid A



## On Your Own

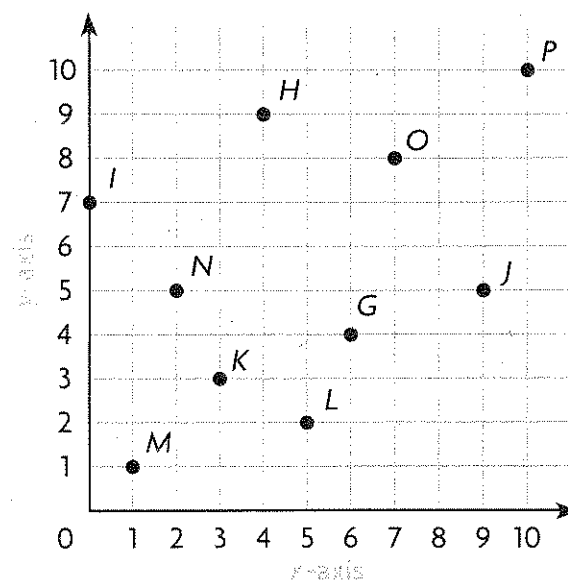
Use Coordinate Grid B to write an ordered pair for the given point.

11. G \_\_\_\_\_
12. H \_\_\_\_\_
13. I \_\_\_\_\_
14. J \_\_\_\_\_
15. K \_\_\_\_\_
16. L \_\_\_\_\_
17. M \_\_\_\_\_
18. N \_\_\_\_\_
19. O \_\_\_\_\_
20. P \_\_\_\_\_

Plot and label the points on Coordinate Grid B.

21.  $W(8, 2)$
22.  $E(0, 4)$
23.  $X(2, 9)$
24.  $B(3, 4)$
25.  $R(4, 0)$
26.  $F(7, 6)$
27.  $T(5, 7)$
28.  $A(7, 1)$
29.  $S(10, 8)$
30.  $Y(1, 6)$
31.  $Q(3, 8)$
32.  $V(3, 1)$

Coordinate Grid B



# Problem Solving

**REAL WORLD**

Nathan and his friends are planning a trip to New York City. Use the map for 33–38. Each unit represents 1 city block.

33. What ordered pair gives the location of Bryant Park?

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34. **H.O.T.** What's the Error? Nathan says that Madison Square Garden is located at  $(0, 3)$  on the map. Is his ordered pair correct? Explain.

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35. The Empire State Building is located 5 blocks right and 1 block up from  $(0, 0)$ . Write the ordered pair for this location. Plot and label a point for the Empire State Building.

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36. **H.O.T.** Paulo walks from point  $B$  to Bryant Park. Raul walks from point  $B$  to Madison Square Garden. If they only walk along the grid lines, who walks farther? Explain.

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37. **Write Math** Explain how to find the distance between Bryant Park and a hot dog stand at the point  $(4, 2)$ .

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38. **Test Prep** Use the map above. Suppose a pizzeria is located at point  $B$ . What ordered pair describes this point?

(A)  $(4, 2)$       (B)  $(3, 4)$       (C)  $(2, 4)$       (D)  $(4, 4)$

Map of New York City

